

**Reza Fassihi, B Pharm., Ph.D., AAPS Fellow
Professor of Biopharmaceutics and
Industrial Pharmacy**

CURRICULUM VITAE

Reza Fassihi, B. Pharm., Ph.D., HPA, AAPS Fellow

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**Work: Temple University
School of Pharmacy
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Employment and Positions Held:

1992-present Professor of Biopharmaceutics and Industrial Pharmacy, Temple University, School of Pharmacy, Philadelphia, PA.

Sept.1995 to Jan. 1998 Director of Graduate Research and Studies, Temple University , School of Pharmacy

Sept. 1991 to Sept. 1992 Visiting Professor, University of Cincinnati, Medical Center, College of Pharmacy, Cincinnati, OH.

1988-1992 Head, School of Pharmacy ,Faculty of Medicine, University of the Witwatersrand, Johannesburg, South Africa.

1988-1992 Professor and Chairman Department of Pharmaceutical Sciences, University of the Witwatersrand, Johannesburg, South Africa.

1984-1988 Senior Lecturer, School of Pharmaceutical Sciences, Rhodes University, Grahamstown , South Africa

Oct. 1983 - Senior Scientist, Welsh School of Pharmacy, UWIST, Cardiff, U.K.
Oct. 1984

June 1982 - Postdoctoral Fellow, School of Pharmacy, Brighton University, England.
July 1983
Asst. Professor of Pharmaceutics, School of Pharmacy, Isfahan
University, Isfahan.

Feb. 1979-
1982

Honors

Award of Gold Medal for the best Ph.D. graduate in Pharmaceutics, School of Pharmacy, Brighton University, Brighton, England (1978).

Award of Medal from South African Academy of Pharmaceutical Sciences (1991).

Award of Medal from Society of Cosmetic Chemist (1991).

AAPS Fellow Status (2003).

Award for outstanding contribution by the FDA , “Symposium on Controlled Release of Solid Oral Dosage Forms”, September 2002.

AAPS Award for outstanding contribution to AAPS student chapters.

Distinguished Speaker Award by the EPTM (eastern pharmaceutical technology meeting), New Jersey ,September 2005.

Major Academic Qualifications:

1978 Doctor of Philosophy degree (Ph.D.) in Pharmaceutics from the School
of Pharmacy, Brighton University, Brighton, England

1974 B. Pharm., First Class Honors , Punjab University , India

Membership

Member of the Institute of Physical Sciences in Medicine. IPSM.

Member of Hospital Physicist Association. HPA United Kingdom.

Member of South African Academy of Pharmaceutical Sciences.

Member of Society of Cosmetic Chemists of South Africa.

Member of American Association of Pharmaceutical Scientists. AAPS.

Member of Controlled Release Society. CRS.

Member of American Association of Colleges of Pharmacy. AACP.

Research Experience

Biopharmaceutics and physicochemical aspects of preformulation / formulation / scale-up and design of drug delivery systems to include solid dosage forms, controlled release formulations, drug absorption and GI constraints, microbiological evaluation of pharmaceuticals, topical formulations and percutaneous drug absorption, optimization of dissolution methodologies for novel drug dosage forms and delivery system evaluations, in-vitro/in-vivo correlation research and bioavailability / bioequivalency issues.

Courses taught at Post Graduate and Pharm.D. levels

Pharmaceutical manufacturing (preformulation and formulation development)– Part-I, 3 credit course.

Pharmaceutical Manufacturing (product development, scale-up operations)- Part-II, 3 credit course.

Applied Biopharmaceutics (drug absorption, bioavailability and bioequivalency, in-vitro-in vivo correlations)- 3 credit course.

Pharmaceutical dosage forms- 3 credit course.

Pharmaceutics and Biopharmaceutics, 4 credit course.

Dermatopharmaceutics- 3 credit course.

Wound healing and surgical dressings- 2 credit elective course.

Administrative Experience and Responsibilities:

1988-1992 Head, School of Pharmacy, University of Witwatersrand, Johannesburg, South Africa. Responsible for overall activities and management of school.

1988-1992 Chairman, Department of Pharmaceutics at Witwatersrand University.

1993- 1998 Member of Graduate Board at Temple University. (TU).

1993-Present Co-Chairman of Education Committee, at Philadelphia Pharmaceutical Forum.

1993-1994 Member of Fellowship Committee, Temple University.

1994-1996 Member of Nominating Committee, Temple University.

1995-1998 Member of Students Appeal Committee.

- 1995 – 1998 Director of Graduate Studies in the School of Pharmacy, Temple University.
- 1995-2002 Official Representative to the USP 1995 - 2000 General Committee of Revision
- 1996-Present Member of Protocol Review Committee of NIH for Pharmaceutical projects.
- 1990- present Expert witness on issues related to pharmaceutical products; patent infringements, consulting on manufacturing processes, and technical problems. Have been deposed and appeared at the trials on numerous occasions.

Inventions:

1. REZA FASSIHI,
"Method and Apparatus for Dissolution Testing of A Dosage Form.". **US patent # 5,412,979 issued in May 9, 1995.**
2. REZA FASSIHI and L. Yang
"Controlled release drug delivery system"
US patent # 5,783,212 issued in July 21, 1998.
3. REZA FASSIHI AND VINESS PILLAY
Monolithic Tablet for controlled drug release
US Patent # 6,090,411, issued July-2000.
4. REZA FASSIHI and H. Kim
"Matrix for controlled delivery of highly soluble pharmaceutical agents"
US patent # 6,337,091 B1; issued Jan. 8, 2002.
5. REZA FASSIHI AND T. DURIG
"Amino acid modulated extended release dosage form"
US patent # 6,517,868 B2; issued Feb. 11, 2003.
6. REZA FASSIHI and T. Dürig. Amino Acid Modulated Extended Release Dosage Form *US Patent # 6,936,275 B2, August 30th, 2005.*
7. REZA FASSIHI AND V. PILLAY
Compressed composite delivery system for release-rate modulation of bioactives.
US patent application filed –Publication No. US-2006-0024368-A1.
8. Reza Fassihi and T. Durig.
"Amino acid modulated extended release dosage form".
US Patent # 7,229,642; June, 12, 2007.

PEER REVIEWED PUBLICATIONS IN JOURNALS; AND BOOK CHAPTERS

More than 125 peer reviewed scientific articles and over 350 abstracts, see sample publications and poster presentations.